

Database : Issued\_Patents\_AA:\*

- 1: /cgn2\_6/ptodata/1/iaa/5A\_COMB.pep:\*
- 2: /cgn2\_6/ptodata/1/iaa/5B\_COMB.pep:\*
- 3: /cgn2\_6/ptodata/1/iaa/6A\_COMB.pep:\*
- 4: /cgn2\_6/ptodata/1/iaa/6B\_COMB.pep:\*
- 5: /cgn2\_6/ptodata/1/iaa/PCTUS\_COMB.pep:\*
- 6: /cgn2\_6/ptodata/1/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	1985	100.0	394	4	US-09-934-903-4	Sequence 4, Appli
2	1985	100.0	394	4	US-09-934-868-64	Sequence 64, Appl
3	1215.5	61.2	617	4	US-09-252-991A-21113	Sequence 21113, A
4	1114.5	56.1	398	4	US-09-328-352-7199	Sequence 7199, Ap
5	1053	53.0	399	4	US-09-543-681A-6462	Sequence 6462, Ap
6	1045	52.6	422	4	US-09-489-039A-12413	Sequence 12413, A
7	999	50.3	398	4	US-09-673-198-5	Sequence 5, Appli
8	962	48.5	435	4	US-09-540-236-2139	Sequence 2139, Ap
9	818.5	41.2	399	3	US-09-491-362-7	Sequence 7, Appli
10	818.5	41.2	399	4	US-09-874-562-7	Sequence 7, Appli
11	818.5	41.2	406	4	US-09-959-509A-2	Sequence 2, Appli
12	818.5	41.2	420	4	US-09-959-509A-4	Sequence 4, Appli
13	818.5	41.2	477	3	US-09-449-335-6	Sequence 6, Appli
14	817.5	41.2	477	3	US-09-480-921B-10	Sequence 10, Appl

Database : Published\_Applications\_AA:\*

- 1: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep:\*
- 2: /cgn2\_6/ptodata/1/pubpaa/PCT\_NEW\_PUB.pep:\*
- 3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB.pep:\*
- 4: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB.pep:\*
- 5: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW\_PUB.pep:\*
- 6: /cgn2\_6/ptodata/1/pubpaa/PCTUS\_PUBCOMB.pep:\*
- 7: /cgn2\_6/ptodata/1/pubpaa/US08\_NEW\_PUB.pep:\*
- 8: /cgn2\_6/ptodata/1/pubpaa/US08\_PUBCOMB.pep:\*
- 9: /cgn2\_6/ptodata/1/pubpaa/US09A\_PUBCOMB.pep:\*
- 10: /cgn2\_6/ptodata/1/pubpaa/US09B\_PUBCOMB.pep:\*
- 11: /cgn2\_6/ptodata/1/pubpaa/US09C\_PUBCOMB.pep:\*
- 12: /cgn2\_6/ptodata/1/pubpaa/US09\_NEW\_PUB.pep:\*
- 13: /cgn2\_6/ptodata/1/pubpaa/US10A\_PUBCOMB.pep:\*
- 14: /cgn2\_6/ptodata/1/pubpaa/US10B\_PUBCOMB.pep:\*
- 15: /cgn2\_6/ptodata/1/pubpaa/US10C\_PUBCOMB.pep:\*
- 16: /cgn2\_6/ptodata/1/pubpaa/US10D\_PUBCOMB.pep:\*
- 17: /cgn2\_6/ptodata/1/pubpaa/US10E\_PUBCOMB.pep:\*
- 18: /cgn2\_6/ptodata/1/pubpaa/US10\_NEW\_PUB.pep:\*
- 19: /cgn2\_6/ptodata/1/pubpaa/US11A\_PUBCOMB.pep:\*
- 20: /cgn2\_6/ptodata/1/pubpaa/US11\_NEW\_PUB.pep:\*
- 21: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW\_PUB.pep:\*
- 22: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep:\*

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#### SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	1985	100.0	394	9	US-09-934-903-4	Sequence 4, Appli
2	1985	100.0	394	9	US-09-934-868-64	Sequence 64, Appl
3	1985	100.0	394	10	US-09-941-947A-8	Sequence 8, Appli
4	1985	100.0	394	15	US-10-700-003-4	Sequence 4, Appli
5	1985	100.0	394	15	US-10-363-567-8	Sequence 8, Appli
6	1985	100.0	394	16	US-10-735-442-18	Sequence 18, Appl
7	1985	100.0	394	18	US-10-701-200-64	Sequence 64, Appl
8	1215.5	61.2	396	15	US-10-381-779-117	Sequence 117, App
9	1052.5	53.0	394	15	US-10-381-779-119	Sequence 119, App
10	1045	52.6	398	15	US-10-381-779-100	Sequence 100, App
11	1045	52.6	398	15	US-10-381-779-118	Sequence 118, App
12	1042	52.5	405	15	US-10-381-779-122	Sequence 122, App

Database :       A\_Geneseq\_16Dec04:\*  
           1:   geneseqp1980s:\*  
           2:   geneseqp1990s:\*  
           3:   geneseqp2000s:\*  
           4:   geneseqp2001s:\*  
           5:   geneseqp2002s:\*  
           6:   geneseqp2003as:\*  
           7:   geneseqp2003bs:\*  
           8:   geneseqp2004s:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	%		Query			ID	Description
	Score	Match	Length	DB			
1	1985	100.0	394	5	AAE22302	Aae22302	Methylomo
2	1985	100.0	394	5	ABG61582	Abg61582	High grow
3	1985	100.0	394	5	AAU80326	Aau80326	Methylomo
4	1985	100.0	394	8	ADQ77216	Adq77216	Amino aci
5	1215.5	61.2	396	5	AAO21884	Aao21884	Isoprenoi
6	1215.5	61.2	617	7	ABO72367	Abo72367	Pseudomon
7	1114.5	56.1	398	6	ADA35912	Ada35912	Acinetoba
8	1053	53.0	399	7	ADF06177	Adf06177	Bacterial
9	1052.5	53.0	394	5	AAO21886	Aao21886	Isoprenoi
10	1045	52.6	398	5	AAO21878	Aao21878	Isoprenoi
11	1045	52.6	398	5	AAO21885	Aao21885	Isoprenoi
12	1045	52.6	422	7	ABO65896	Abo65896	Klebsiell
13	1043.5	52.6	411	6	ABP79699	Abp79699	N. gonorr
14	1043.5	52.6	411	6	ABP80486	Abp80486	N. gonorr

Database : UniProt\_03:\*  
 1: uniprot\_sprot:\*  
 2: uniprot\_trembl:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result		%					
No.	Score	Query Match	Length	DB	ID	Description	
1	1221.5	61.5	400	1	DXR_PSEPK	Q88mh4	pseudomonas
2	1215.5	61.2	396	1	DXR_PSEAE	Q9kgu6	pseudomonas
3	1201.5	60.5	396	1	DXR_PSESM	Q886n7	pseudomonas
4	1193.5	60.1	413	1	DXR_NITEU	Q82u01	nitrosomona
5	1113.5	56.1	394	1	DXR_CHRVO	Q7nvy8	chromobacte
6	1108.5	55.8	398	2	Q6FCG9	Q6fcg9	acinetobact
7	1091.5	55.0	393	1	DXR_RALSO	Q8xzi5	ralstonia s
8	1062	53.5	402	1	DXR_VIBVU	Q8dbf5	vibrio vuln
9	1060	53.4	402	1	DXR_VIBVY	Q7mig6	vibrio vuln
10	1059	53.4	398	2	Q63T18	Q63t18	burkholderi
11	1058	53.3	398	2	Q62JD0	Q62jd0	burkholderi
12	1052.5	53.0	394	1	DXR_NEIMA	Q9jx33	neisseria m
13	1047	52.7	401	1	DXR_VIBPA	Q87me3	vibrio para
14	1045	52.6	398	1	DXR_ECOLI	P45568	escherichia
15	1044	52.6	398	1	DXR_ECO57	Q8x8y1	escherichia
16	1042	52.5	405	1	DXR_PASMU	P57985	pasteurella

Database : PIR\_79:\*

1: pir1:\*

2: pir2:\*

3: pir3:\*

4: pir4:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	%		DB	ID	Description
		Query Match	Length			
1	1215.5	61.2	396	2	E83188	1-deoxy-d-xylulose
2	1052.5	53.0	394	2	B82000	1-deoxy-D-xylulose
3	1045	52.6	398	2	E64741	yaem protein - Esc
4	1044	52.6	398	2	G85501	1-deoxy-D-xylulose
5	1044	52.6	398	2	G90650	1-deoxy-D-xylulose
6	1040.5	52.4	394	2	A81229	1-deoxy-D-xylulose
7	1027	51.7	398	2	AF0529	1-deoxy-D-xylulose
8	1023	51.5	402	2	D82099	1-deoxy-D-xylulose
9	1020	51.4	398	2	AG0128	1-deoxy-D-xylulose
10	1007	50.7	397	2	A64014	conserved hypothet
11	941	47.4	396	2	H82728	1-deoxy-D-xylulose
12	892.5	45.0	394	2	S76331	hypothetical prote
13	891	44.9	398	2	F84957	1-deoxy-D-xylulose
14	865	43.6	399	2	AH2349	deoxyxylulose 5-ph
15	857.5	43.2	399	2	H87486	1-deoxy-D-xylulose
16	854	43.0	385	2	E97121	1-deoxy-D-xylulose